



## PCT REQUEST

A31696M

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|     |  |  |
|-----|--|--|
| 0   | For receiving Office use only                                |  |
| 0-1 | International Application No.                                |  |
| 0-2 | International Filing Date                                    |  |
| 0-3 | Name of receiving Office and "PCT International Application" |  |

|         |   |   |
|---------|---|---|
| 0-4     | Form - PCT/RO/101 PCT Request   |   |
| 0-4-1   | Prepared using  | PCT-EASY Version 2.92<br>(updated 01.11.2003)                           |
| 0-5     | Petition<br>The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty |   |
| 0-6     | Receiving Office (specified by the applicant)   | Japan Patent Office (RO/JP)   |
| 0-7     | Applicant's or agent's file reference   | A31696M   |
| I       | Title of invention  | 3-SUBSTITUTED-4-PYRIMIDONE DERIVATIVES                                  |
| II      | Applicant   |   |
| II-1    | This person is:   | applicant only  |
| II-2    | Applicant for   | all designated States except US   |
| II-4    | Name  | MITSUBISHI PHARMA CORPORATION   |
| II-5    | Address:  | 6-9, Hiranomachi 2-chome<br>Chuo-ku, Osaka-shi, Osaka 541-0046<br>Japan |
| II-6    | State of nationality  | JP  |
| II-7    | State of residence  | JP  |
| III-1   | Applicant and/or inventor   |   |
| III-1-1 | This person is:   | applicant only  |
| III-1-2 | Applicant for   | all designated States except US   |
| III-1-4 | Name  | SANOFI-SYNTHELABO   |
| III-1-5 | Address:  | 174 AVENUE DE FRANCE<br>F-75013 PARIS<br>France                         |
| III-1-6 | State of nationality  | FR  |
| III-1-7 | State of residence  | FR  |

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| III-2   | <b>Applicant and/or inventor</b>  |  |
| III-2-1 | This person is:   | applicant and inventor   |
| III-2-2 | Applicant for   | US only  |
| III-2-4 | Name (LAST, First)  | USUI, Yoshihiro  |
| III-2-5 | Address:  | c/o MITSUBISHI PHARMA CORPORATION, TOKYO<br>OFFICE<br>2-6, Nihonbashi-honcho 2-chome<br>Chuo-ku, Tokyo 103-8405<br>Japan |
| III-2-6 | State of nationality  | JP   |
| III-2-7 | State of residence  | JP   |
| III-3   | <b>Applicant and/or inventor</b>  |  |
| III-3-1 | This person is:   | applicant and inventor   |
| III-3-2 | Applicant for   | US only  |
| III-3-4 | Name (LAST, First)  | OKUYAMA, Masahiro  |
| III-3-5 | Address:  | c/o MITSUBISHI PHARMA CORPORATION, TOKYO<br>OFFICE<br>2-6, Nihonbashi-honcho 2-chome<br>Chuo-ku, Tokyo 103-8405<br>Japan |
| III-3-6 | State of nationality  | JP   |
| III-3-7 | State of residence  | JP   |
| III-4   | <b>Applicant and/or inventor</b>  |  |
| III-4-1 | This person is:   | applicant and inventor   |
| III-4-2 | Applicant for   | US only  |
| III-4-4 | Name (LAST, First)  | HANANO, Tokushi  |
| III-4-5 | Address:  | c/o MITSUBISHI PHARMA CORPORATION, TOKYO<br>OFFICE<br>2-6, Nihonbashi-honcho 2-chome<br>Chuo-ku, Tokyo 103-8405<br>Japan |
| III-4-6 | State of nationality  | JP   |
| III-4-7 | State of residence  | JP   |
| IV-1    | <b>Agent or common representative; or<br/>address for correspondence</b><br>The person identified below is<br>hereby/has been appointed to act on<br>behalf of the applicant(s) before the<br>competent International Authorities as: | agent  |
| IV-1-1  | Name  | SIKs & Co.   |
| IV-1-2  | Address:  | 8th Floor, Kyobashi-Nisshoku Bldg., 8-7,<br>Kyobashi 1-chome<br>Chuo-ku, Tokyo 104-0031<br>Japan                         |
| IV-1-3  | Telephone No.   | 03-3538-5680   |
| IV-1-4  | Facsimile No.   | 03-3538-5686   |

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| <b>V</b>    | <b>Designation of States</b>   |   |
| <b>V-1</b>  | Regional Patent<br>(other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)  | <p>AP: BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p> |
| <b>V-2</b>  | National Patent<br>(other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)  | <p>AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH&amp;LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</p>   |
| <b>V-5</b>  | Precautionary Designation Statement<br><br>In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. |   |
| <b>V-6</b>  | Exclusion(s) from precautionary designations   | NONE  |
| <b>VI-1</b> | Priority claim of earlier national application   |   |
| VI-1-1      | Filing date  | 16 December 2002 (16.12.2002)   |
| VI-1-2      | Number   | patent application No.2002-383300   |
| VI-1-3      | Country  | JP  |

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|        |   |                                       |                             |
|--------|---|---------------------------------------|-----------------------------|
| VI-2   | <b>Priority claim of earlier national application</b>   |                                       |                             |
| VI-2-1 | Filing date   | 16 December 2002 (16.12.2002)         |                             |
| VI-2-2 | Number  | patent application No.2002-383301     |                             |
| VI-2-3 | Country   | JP                                    |                             |
| VI-3   | <b>Priority document request</b><br>The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s): | VI-1, VI-2                            |                             |
| VII-1  | <b>International Searching Authority Chosen</b>   | European Patent Office (EPO) (ISA/EP) |                             |
| VIII   | <b>Declarations</b>   | Number of declarations                |                             |
| VIII-1 | Declaration as to the identity of the inventor  | -                                     |                             |
| VIII-2 | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent  | -                                     |                             |
| VIII-3 | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application  | -                                     |                             |
| VIII-4 | Declaration of inventorship (only for the purposes of the designation of the United States of America)  | -                                     |                             |
| VIII-5 | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty  | -                                     |                             |
| IX     | <b>Check list</b>   | number of sheets                      | electronic file(s) attached |
| IX-1   | Request (including declaration sheets)  | 5                                     | -                           |
| IX-2   | Description   | 46                                    | -                           |
| IX-3   | Claims  | 5                                     | -                           |
| IX-4   | Abstract  | 1                                     | EZABST00.TXT                |
| IX-5   | Drawings  | 0                                     | -                           |
| IX-7   | TOTAL   | 57                                    |                             |
|        | <b>Accompanying items</b>   | paper document(s) attached            | electronic file(s) attached |
| IX-8   | Fee calculation sheet   | ✓                                     | -                           |
| IX-17  | PCT-EASY diskette   | -                                     | Diskette                    |
| IX-18  | Other (specified):  | patent revenue stamps                 | -                           |
| IX-18  | Other (specified):  | certificate of payment of fee         | -                           |
| IX-18  | Other (specified):  | certificate of payment of fee         | -                           |
| IX-19  | Figure of the drawings which should accompany the abstract  |                                       |                             |
| IX-20  | Language of filing of the international application   | English                               |                             |

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|       |  |  |
|-------|--|--|
| X-1   | Signature of applicant, agent or common representative |  |
| X-1-1 | Name   | SIKs & Co.   |
| X-1-2 | Name of signatory                                      | IMAMURA, Masazumi  |
| X-1-3 | Capacity   | Representative Partner   |

## FOR RECEIVING OFFICE USE ONLY

|        |   |        |
|--------|---|--------|
| 10-1   | Date of actual receipt of the purported international application   |        |
| 10-2   | Drawings:   |        |
| 10-2-1 | Received  |        |
| 10-2-2 | Not received  |        |
| 10-3   | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application |        |
| 10-4   | Date of timely receipt of the required corrections under PCT Article 11(2)  |        |
| 10-5   | International Searching Authority   | ISA/EP |
| 10-6   | Transmittal of search copy delayed until search fee is paid   |        |

## FOR INTERNATIONAL BUREAU USE ONLY

|      |  |  |
|------|--|--|
| 11-1 | Date of receipt of the record copy by the International Bureau |  |
|------|--|--|

**PCT (ANNEX - FEE CALCULATION SHEET)**

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(This sheet is not part of and does not count as a sheet of the international application)

|              |   |   |                     |  |
|--------------|---|---|---------------------|--|
| <b>0</b>     | <b>For receiving Office use only</b>                          |   |                     |  |
| <b>0-1</b>   | International Application No.                                 |   |                     |  |
| <b>0-2</b>   | Date stamp of the receiving Office                            |   |                     |  |
| <b>0-4</b>   | <b>Form - PCT/RO/101 (Annex)</b>                              |   |                     |  |
| <b>0-4-1</b> | PCT Fee Calculation Sheet Prepared using                      | <b>PCT-EASY Version 2.92<br/>(updated 01.11.2003)</b>   |                     |  |
| <b>0-9</b>   | Applicant's or agent's file reference                         | <b>A31696M</b>  |                     |  |
| <b>2</b>     | Applicant   | <b>MITSUBISHI PHARMA CORPORATION, et al.</b>  |                     |  |
| <b>12</b>    | <b>Calculation of prescribed fees</b>                         | fee amount/multiplier   | Total amounts (JPY) |  |
| 12-1         | Transmittal fee T   | ⇒   | 18,000              |  |
| 12-2-1       | Search fee S  | ⇒   | 129,500             |  |
| 12-2-2       | International search to be carried out by                     | <b>EP</b>   |                     |  |
| 12-3         | International fee   |   |                     |  |
|              | Basic fee<br>(first 30 sheets) b1                             | 54,000  |                     |  |
| 12-4         | Remaining sheets  | 27  |                     |  |
| 12-5         | Additional amount (X)   | 1,200   |                     |  |
| 12-6         | Total additional amount b2                                    | 32,400  |                     |  |
| 12-7         | b1 + b2 = B   | 86,400  |                     |  |
| 12-8         | Designation fees  |   |                     |  |
|              | Number of designations contained in international application | 98  |                     |  |
| 12-9         | Number of designation fees payable (maximum 5)                | 5   |                     |  |
| 12-10        | Amount of designation fee (X)                                 | 11,600  |                     |  |
| 12-11        | Total designation fees D                                      | 58,000  |                     |  |
| 12-12        | PCT-EASY fee reduction R                                      | -16,600   |                     |  |
| 12-13        | Total International fee (B+D-R) I                             | ⇒   | 127,800             |  |
| 12-14        | Fee for priority document                                     |   |                     |  |
|              | Number of priority documents requested                        | 2   |                     |  |
| 12-15        | Fee per document (X)  | 1,400   |                     |  |
| 12-16        | Total priority document fee P                                 | ⇒   | 2,800               |  |
| 12-17        | <b>TOTAL FEES PAYABLE (T+S+I+P)</b>                           | ⇒   | 278,100             |  |
| 12-19        | Mode of payment   | <b>Transmittal fee: revenue stamps</b><br><b>Search fee: bank draft</b><br><b>International fee: bank draft</b><br><b>Priority document fee: revenue stamps</b> |                     |  |

## PCT (ANNEX - FEE CALCULATION SHEET)

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## VALIDATION LOG AND REMARKS

|             |   |   |
|-------------|---|---|
| 13-1-1      | Applicant remarks<br>Names  | 110000109 SIKs & Co.  |
| 13-2-2      | Validation messages<br>States   | Green?<br>More designations could be made. The following States have not been designated: KP. Please verify.  |
| 13-2-3      | Validation messages<br>Names  | Green?<br>Applicant 1.:Telephone No. missing  |
|             |   | Green?<br>Applicant 1.:Facsimile No. missing  |
|             |   | Green?<br>Agent 1.: Name should preferably be entered in capital letters. Please verify.  |
| 13-2-7      | Validation messages<br>Contents   | Yellow!<br>The power of attorney or a copy of the general power of attorney will need to be furnished unless all applicants sign the request form.              |
|             |   | Green?<br>The international application contains no drawings. Please verify.  |
| 13-2-1<br>0 | Validation messages<br>Annotate   | Green?<br>All indications that can be made on the Request form are specifically provided for by the software. Please confirm validity of additional indication. |
| 13-2-1<br>1 | Validation messages<br>For receiving Office/International Bureau use only | Green?<br>Verify electronic data for consistency against printed form.  |